



S. F. Little 9-10-92

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re App : Michael R. Forman

August 25, 1992

S.N. : 07/800,201

Group 3306

Filed : November 29, 1991

Docket No. 910022.ORI

Examiner A. Gutowski

For : LASER BONDING OF ANGIOPLASTY BALLOON CATHETERS

AMENDMENT AND ELECTION OF CLAIMS

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

In response to the Official Action of July 27, 1992,
please amend this application as follows:

Please cancel Claims 1-15, without prejudice.

ADD THE FOLLOWING CLAIMS:

15 24. The balloon catheter of *2* Claim 16, formed according to
a process comprising the steps of:

a *1* positioning the polymeric dilatation balloon along
and in surrounding relation to the length of catheter tubing,
with the dilatation member and the catheter tubing aligned to
place a first surface portion of the dilatation balloon and a
second surface portion of the catheter tubing in a contiguous and
confronting relation;

a *1* generating substantially monochromatic energy at a
wave length selected to at least approximately match a wave
length of maximum spectral absorption of the polymeric materials
forming the dilatation balloon and the catheter tubing;

a *1* controllably directing the monochromatic energy onto
the catheter tubing and the dilatation balloon to concentrate the
monochromatic energy in a narrow bond site circumscribing the
catheter tubing and running along the interface of the first and

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